

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Multiple sheets used when necessary)

SHEET 1 OF 6

JAN 03 2005

Application No.	10/614,731
Filing Date	July 3, 2003
First Named Inventor	Gerald A. Hutchinson
Art Unit	1772
Examiner	Sandra M. Rayford
Attorney Docket No.	APTLTD.048A

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	Document Number Number - Kind Code (if known) Example: 1,234,567 B1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
ST	1	3,305,528	02/1967	Wynstra, et al.	
	2	3,317,471	05/1967	Johnson, et al.	
	3	3,395,118	07/1968	Reinking, et al.	
	4	3,966,378	06/1976	Valyi	
	5	4,040,233	08/1977	Valyi	
	6	4,403,090	09/1983	Smith	
	7	4,127,633	11/1978	Addleman	
	8	4,149,645	04/1979	Valyi	
	9	4,438,254	03/1984	Doorakian, et al.	
	10	4,505,951	03/1985	Kennedy	
	11	4,515,836	05/1985	Cobbs, Jr., et al.	
	12	4,534,995	08/1985	Pocock, et al.	
	13	4,538,542	09/1985	Kennon, et al.	
	14	4,560,741	12/1985	Davis, et al.	
	15	4,569,869	02/1986	Kushida et al.	
	16	4,564,541	01/1986	Taira, et al.	
	17	4,578,295	03/1986	Jabarin	
	18	4,615,925	10/1986	Nilsson	
	19	4,632,053	12/1986	Villanueva, et al.	
	20	4,646,925	03/1987	Nohara	
	21	4,647,648	03/1987	Silvis, et al.	
	22	4,699,809	10/1987	Maruhashi et al.	
	23	4,741,936	05/1988	Nohara, et al.	
	24	4,818,575	04/1989	Hirata et al.	
	25	4,847,129	07/1989	Collette et al.	
	26	4,871,410	10/1989	Bonnebat, et al.	
	27	4,940,616	07/1990	Yatsu, et al.	
	28	4,980,211	12/1990	Kushida, et al.	
ST	29	5,006,381	04/1991	Nugent, Jr. et al.	

Examiner Signature

ST/504

Date Considered

4/25/05

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U.S. PATENT DOCUMENTS					
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ET	30	5,143,998	09/1992	Brennan, et al.	
	31	5,275,853	01/1994	Silvis, et al.	
	32	RE 34,537	02/1994	Deyrup	
	33	5,115,075	05/1992	Brennan, et al.	
	34	5,134,218	07/1992	Brennan, et al.	
	35	5,300,326	04/1994	Zeinka et al.	
	36	5,300,541	05/1994	Nugent, Jr., et al.	
	37	5,302,417	04/1994	Yamauchi et al.	
	38	5,489,455	02/1996	Nugent, Jr., et al.	
	39	5,491,204	02/1996	Nugent, Jr., et al.	
	40	5,509,965	04/1996	Harry, et al.	
	41	5,637,365	06/1997	Carblom	
	42	5,639,848	06/1997	Nugent, Jr. et al.	
	43	5,645,183	07/1997	Slat, et al.	
	44	5,676,267	10/1997	Slat et al.	
	45	5,731,094	03/1998	Brennan, et al.	
	46	5,759,653	06/1998	Collette et al.	
	47	5,759,654	06/1998	Collette et al.	
	48	5,759,656	06/1998	Cahill	
	49	5,780,128	07/1998	Farha	
	50	5,804,305	09/1998	Slat et al.	
	51	5,834,078	11/1998	Cavitt et al.	
	52	5,942,563	08/1999	DeGraaf	
	53	5,968,620	10/1999	Harvey et al.	
	54	5,972,445	10/1999	Kimura et al.	
	55	5,989,661	11/1999	Krishnakumar et al.	
	56	6,011,111	01/2000	Brennan et al.	
	57	6,068,900	05/2000	Kohn et al.	
ET	58	6,090,460	07/2000	Collette et al.	

Examiner Signature	ET 804	Date Considered	4/25/05
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87	59	6,109,006	08/2000	Hutchinson	
	60	6,123,211	09/2000	Rashid et al.	
	61	6,180,715 B1	01/2001	Schmidt	
	62	6,299,944 B1	10/2001	Trapani	
	63	6,312,641 B1	11/2001	Hutchinson	
	64	6,319,574 B1	11/2001	Slat	
	65	6,346,596 B1	02/2002	Mallen, et al.	
	66	6,352,426 B1	03/2002	Hutchinson et al.	
	67	6,372,318 B1	04/2002	Collette et al.	
	68	6,391,408 B1	05/2002	Hutchinson	
	69	6,393,803 B1	05/2002	Luka, et al.	
	70	6,455,116 B1	09/2002	Xia et al.	
	71	6,461,697 B1	10/2002	Slat et al.	
	72	6,524,672 B1	02/2003	Slat et al.	
	73	2001/0030163 A1	10/2001	Rashid et al.	
	74	2002/0001686 A1	01/2002	Kashiba et al.	
	75	2002/0028870 A1	03/2002	Lan et al.	
	76	2002/0048682 A1	04/2002	Subramanian et al.	
	77	2002/0061371 A1	05/2002	Schmidt et al.	
	78	2002/0090473 A1	07/2002	Lee et al.	
	79	2002/0155236 A1	10/2002	Cahill et al.	
	80	2002/0160210 A1	10/2002	Kiik, et al.	
	81	2003/0001315 A1	01/2003	Hutchinson et al.	
	82	2003/0012904 A1	01/2003	Hutchinson et al.	
	83	2003/0031814 A1	02/2003	Hutchinson et al.	
	84	2003/0219555 A1	11/2003	Hutchinson et al.	
87	85	2004/0247735 A1	12/2004	Hutchinson et al.	

FOREIGN PATENT DOCUMENTS

Examiner Signature <u>87504</u>	Date Considered <u>4/25/05</u>
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Examiner Initials	Cite No.	Foreign Patent Document Country Code-Number-Kind Code Example: JP 1234567 A1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T ¹
ET	86	BR 9302624	05/1994	Ohshima, K., et al.		
	87	EP 0 099 727 A2	07/1983	Nordson Corporation		
	88	EP 0 105 826 B1	09/1983	The Goodyear Tire & Rubber Co.		
	89	EP 0 153 120 B1	02/1985	Continental Pet Technologies, Inc.		
	90	EP 0 180 191 B1	10/1985	Mitsubishi Gas Chemical Company, Inc.		
	91	EP 0 203 630 A2	04/1986	Shell Internationale Research Maatschappij B.V.		
	92	EP 0 218 245 B1	10/1986	Kuraray Co., Ltd.		
	93	EP 0 225 049 A2	10/1986	Teijin Limited		
	94	EP 0 302 117 A1	02/1988	Nissei Asb Machine Co., Ltd.		
	95	EP 0 368 278 A2	11/1989	Mitsui Petrochemical Industries, Ltd.		
	96	EP 0 376 469 B1	11/1989	Continental Pet Technologies, Inc.		
	97	EP 0 395 237 A1	04/1990	Imperial Chemical Industries, PLC		
	98	EP 0 605 537 B1	09/1992	PPG Industries, Inc.		
	99	EP 0 689 933 A2	06/1995	Pepsico, Inc.		
	100	EP 0 822 213 A1	02/1997	Mitsui Petrochemical Industries, Ltd.		
	101	JP 60170672 A2	02/1984	Kuraray Co., Ltd.		
	102	WO 87/02680	05/1987	Teijin Limited		
	103	WO 90/07553	07/1990	Eastman Kodak Company		
	104	WO 91/08099	06/1991	Lin Pac Plastics International Limited		
	105	WO 93/07068	05/1993	PPG Industries, Inc.		
	106	WO 95/06680	03/1995	E.I. Du Pont De Nemours and Company		
	107	WO 95/22451	08/1995	The Coca-Cola Company		
	108	WO 95/34425	12/1995	Alliedsignal Inc.		
	109	WO 96/08371	03/1996	Chevron Chemical Company		
	110	WO 97/02939	01/1997	Continental Pet Technologies, Inc.		
	111	WO 97/26127	07/1997	Plastipak Packaging, Inc.		
	112	WO 97/28218	08/1997	Eastman Chemical Company		
ET	113	WO 97/42250	11/1997	Amoco Corporation, et al.		

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ET	114	WO 98/02479	01/1998	Amoco Corporation, et al.		
	115	WO 98/14498	04/1998	The Dow Chemical Company		
	116	WO 98/17470	04/1998	The Dow Chemical Company		
	117	WO 98/29491	07/1998	The Dow Chemical Company		
	118	WO 99/12995	03/1999	The Dow Chemical Company		
	119	WO 99/20462	04/1999	Plastics Fabrication Technologies, LLC		
	120	WO 99/25533	05/1999	The Elizabeth and Sandor Valyi Foundation, Inc.		
	121	WO 99/38914	08/1999	Continental PET Technologies, Inc.		
	122	WO 99/48962	09/1999	The Dow Chemical Company		
	123	WO 00/03922	01/2000	Hutchinson		
	124	WO 00/37321	06/2000	BP Amoco Corporation		
	125	WO 00/44819	08/2000	Eastman Chemical Company		
	126	WO 00/62998	10/2000	Plastics Fabrication Technologies, LLC		
	127	WO 01/53062	07/2001	Advanced Plastics Technologies, Ltd.		
	128	WO 01/57124	08/2001	Ciba Specialty Chemicals Holding, Inc.		
	129	WO 01/83193	11/2001	Advanced Plastics Technologies, Ltd.		
	130	WO 02/16484 A2	02/2002	The Coca-Cola Company		
	131	WO 02/16484 A3	02/2002	The Coca-Cola Company		
	132	WO 02/16485 A2	02/2002	The Coca-Cola Company		
	133	WO 02/16485 A3	02/2002	The Coca-Cola Company		
	134	WO 02/20246	03/2002	Advanced Plastics Technologies, Ltd.		
	135	WO 02/088232				
	136	WO 03/080731	10/2003	Advanced Plastics Technologies, Ltd.		
ET	137	WO 04/043675	05/2004	Advanced Plastics Technologies, Ltd.		

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ET	138	International Preliminary Examination Report	07/2003	Advanced Plastics Technologies Ltd., et al.		
ET	139	International Search Report	10/2003	Advanced Plastics Technologies Ltd.		

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ¹
ET	140	Database WPI Section Ch, Week 199533 Derwent Publications Ltd., London, GB Class A23, AN 1995-251427 XP002150645 & JP 07 156349 A (Kureha Chem Ind Co Ltd), 20 June 1995 (1995-06-20) abstract.	
ET	141	Database WPI Section Ch, Week 199805 Derwent Publications Ltd., London, GB, Class A23, AN 1998-047013 XP002150646 & JP 09 0296056 A (Nipon Ester Co Ltd), 18 November 1997 (1997-11-18) abstract.	

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PTO/SB/08 Equivalent

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<i>Repetition</i> <i>ST</i>	1	4,127,633	11/1978	Addleman	
	2	4,287,143	05/1981	Roulet	
	3	4,370,368	01/1983	Hirata et al.	
	4	4,381,277	04/1983	Nilsson	
	5	4,487,789	12/1984	Iwanami et al.	
	6	4,544,698	10/1985	Roulet et al.	
	7	4,764,405	08/1988	Bauman et al.	
	8	5,028,462	07/1991	Matlack et al.	
	9	5,053,257	10/1991	Hasegawa et al.	
	10	5,196,469	03/1993	Cushing et al.	
	11	5,302,417	04/1994	Yamauchi et al.	
	12	5,314,751	05/1994	Nield et al.	
	13	5,328,724	07/1994	Deak	
	14	5,409,983	04/1995	Jones et al.	
	15	5,938,516	08/1999	Greaves et al.	
	16	6,121,387	09/2000	Choudhery	
	17	6,184,281 B1	02/2001	Craun et al.	
	18	6,218,013 B1	04/2001	Wood et al.	
	19	6,309,757 B1	10/2001	Carblom et al.	
	20	6,391,948 B2	05/2002	Wood et al.	
	21	6,403,231 B1	08/2002	Mueller et al.	
	22	6,515,067 B2	02/2003	Cai et al.	
	23	6,673,874 B1	01/2004	Choudhery	
	24	6,709,735 B2	03/2004	Posey et al.	
	25	6,709,759 B2	03/2004	Mueller et al.	

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